FIG . 1

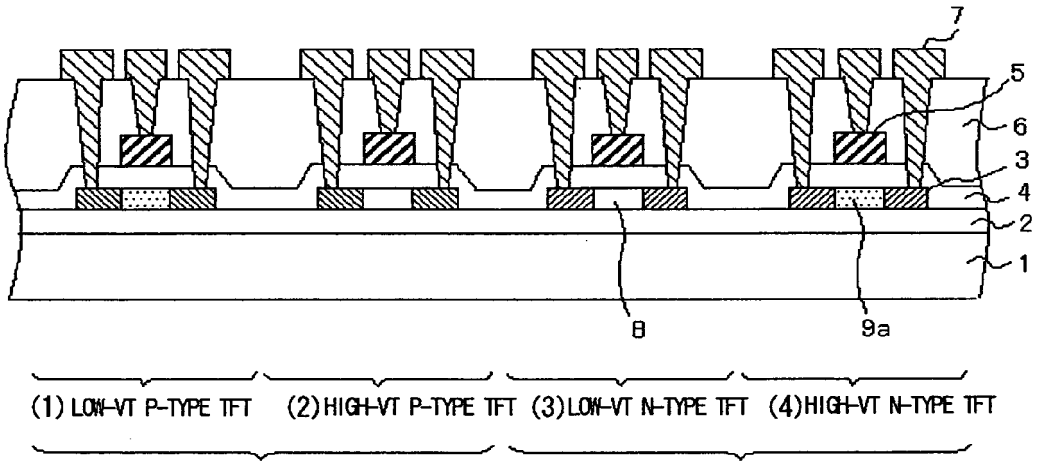
7
5
6
3
4
2
1
8
9a
(1) LOW-VT P-TYPE TFT
(2) HIGH-VT P-TYPE TFT
(3) LOW-VT N-TYPE TFT
(4) HIGH-VT N-TYPE TFT

FIG . 2a

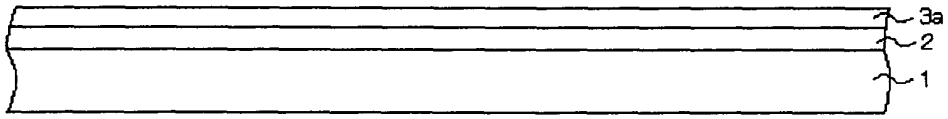

FIG . 2b

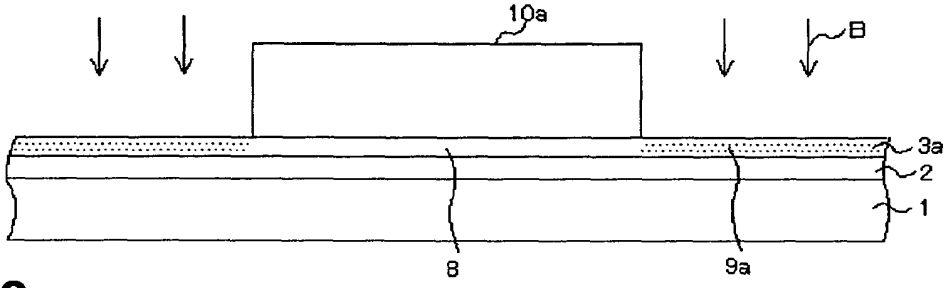

FIG . 2c

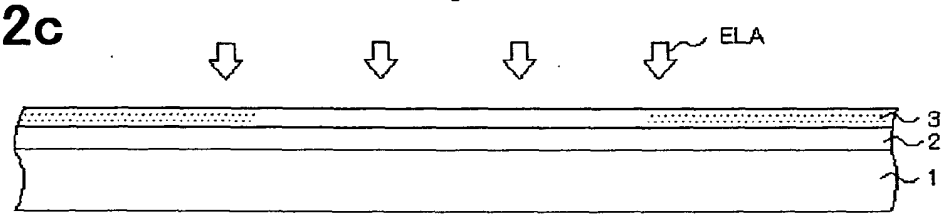

FIG . 2d

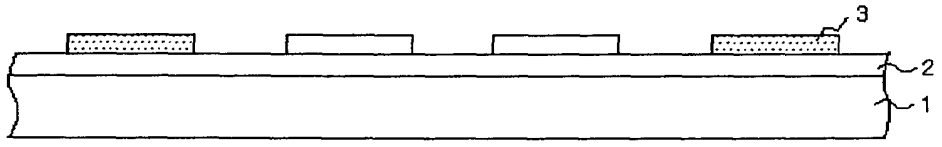

FIG . 2e

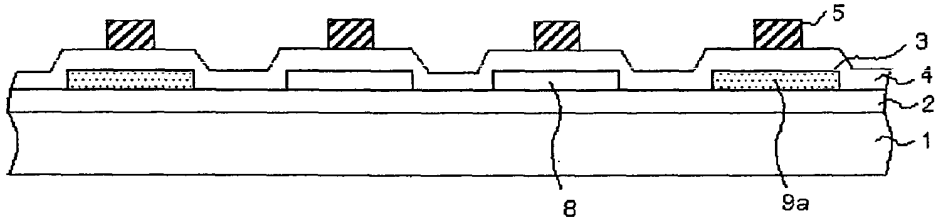

FIG . 3a

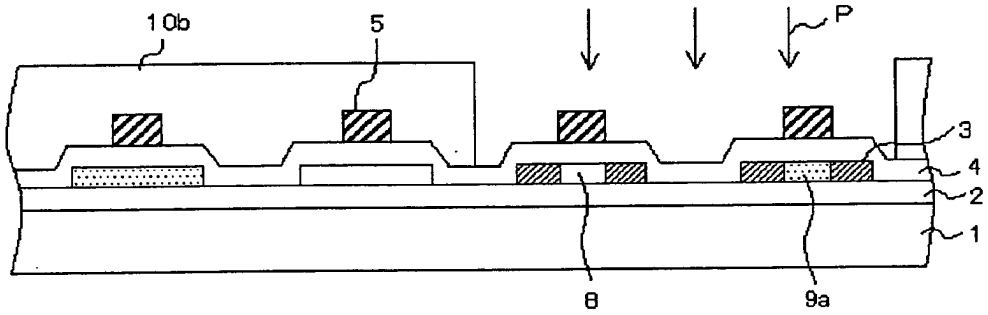

FIG . 3b

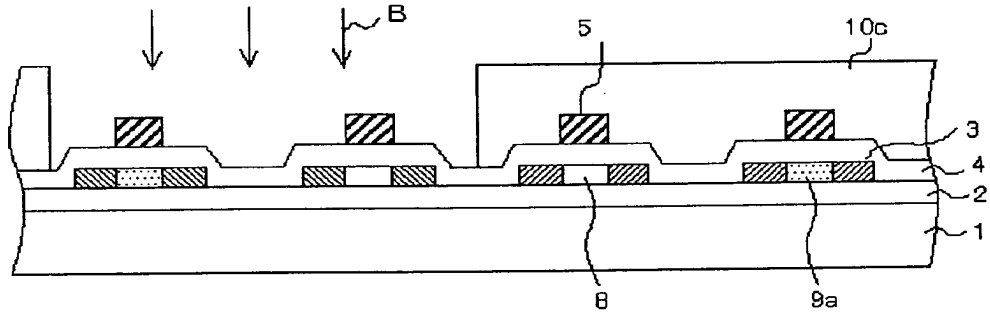

FIG . 3c

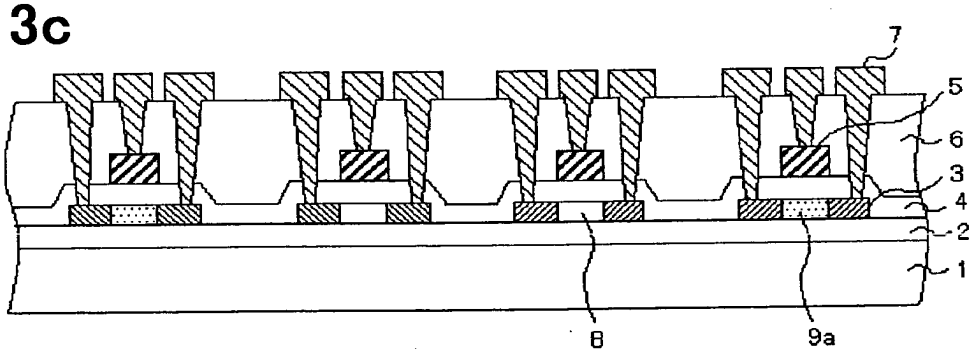

FIG . 4

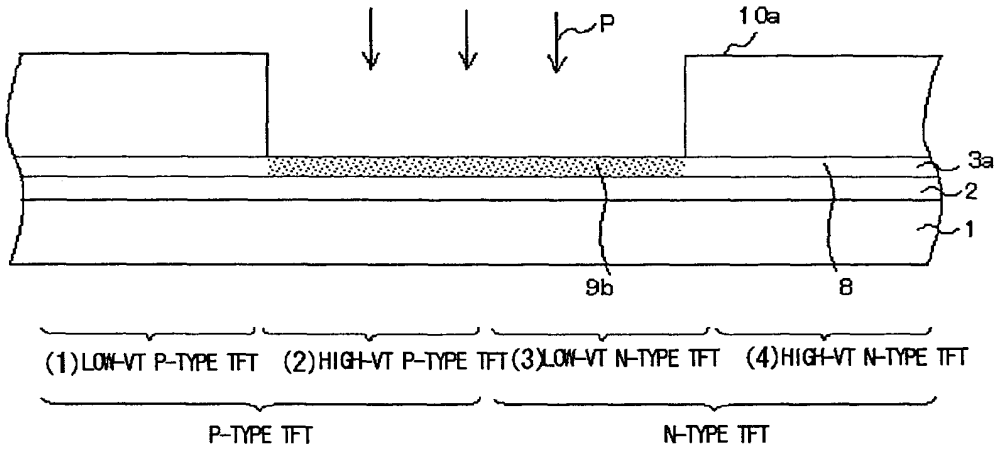
P
10a
3a
2
1
9b
8
(1)LOW-VT P-TYPE TFT
(2)HIGH-VT P-TYPE TFT
(3)LOW-VT N-TYPE TFT
(4)HIGH-VT N-TYPE TFT
P-TYPE TFT
N-TYPE TFT

FIG . 5a

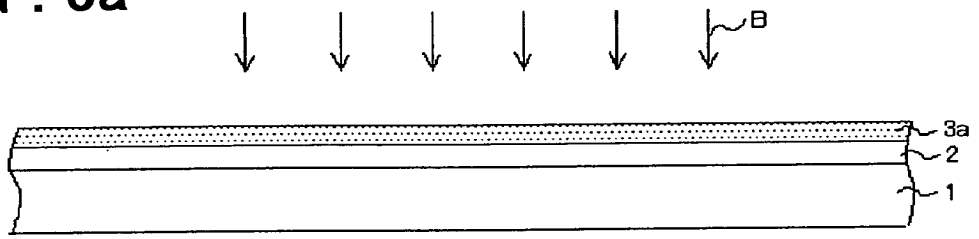
B
3a
2
1

FIG . 5b

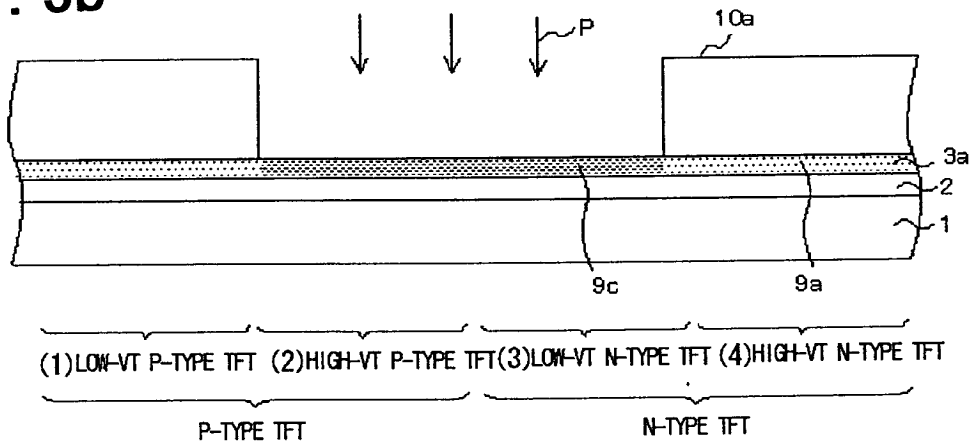
P
10a
3a
2
1
9c
9a
(1)LOW-VT P-TYPE TFT
(2)HIGH-VT P-TYPE TFT
(3)LOW-VT N-TYPE TFT
(4)HIGH-VT N-TYPE TFT
P-TYPE TFT
N-TYPE TFT

FIG . 6a

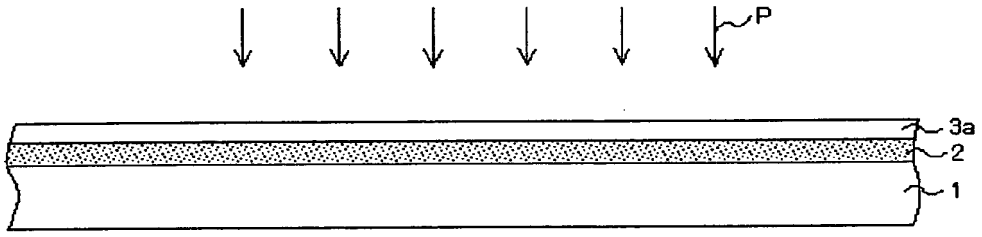
P
3a
2
1

FIG . 6b

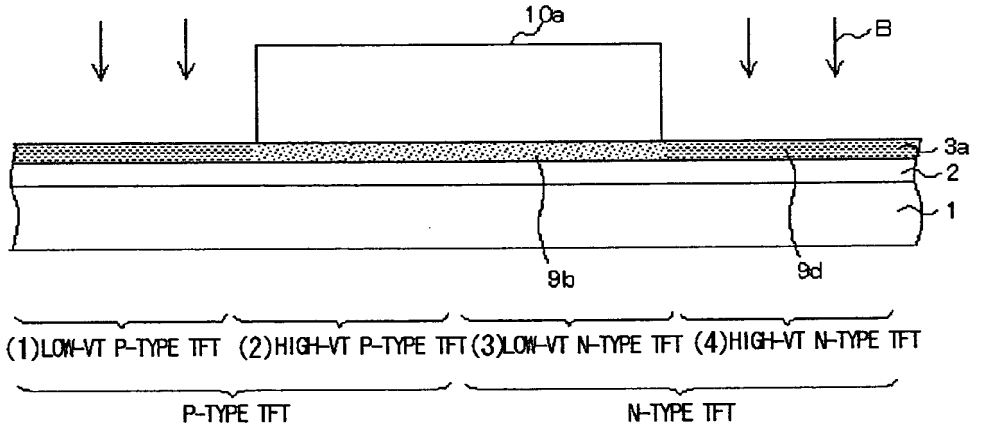
10a
B
3a
2
1
9b
9d
(1)LOW-VT P-TYPE TFT
(2)HIGH-VT P-TYPE TFT
(3)LOW-VT N-TYPE TFT
(4)HIGH-VT N-TYPE TFT
P-TYPE TFT
N-TYPE TFT

FIG . 7

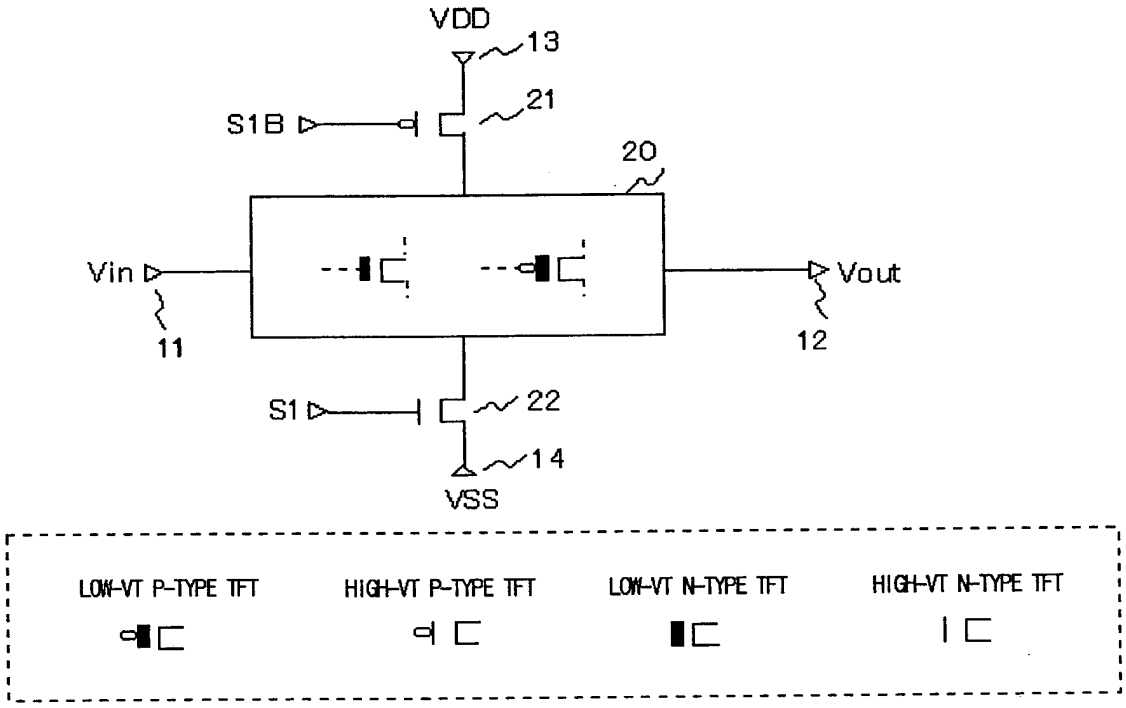
VDD
13
21
S1B
20
Vin
11
Vout
12
S1
22
14
VSS
LOW-VT P-TYPE TFT
HIGH-VT P-TYPE TFT
LOW-VT N-TYPE TFT
HIGH-VT N-TYPE TFT

FIG . 8

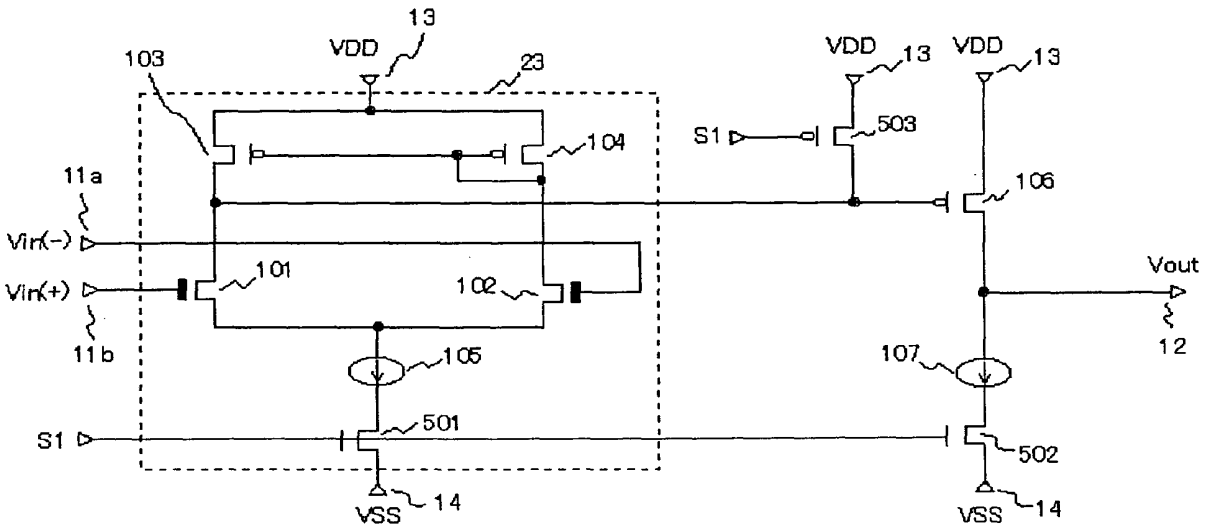
13
VDD
103
23
104
11a
Vin(-)
Vin(+)
101
102
11b
105
S1
501
VSS
14
VDD
13
S1
503
VDD
13
106
Vout
12
107
502
VSS
14

FIG . 9

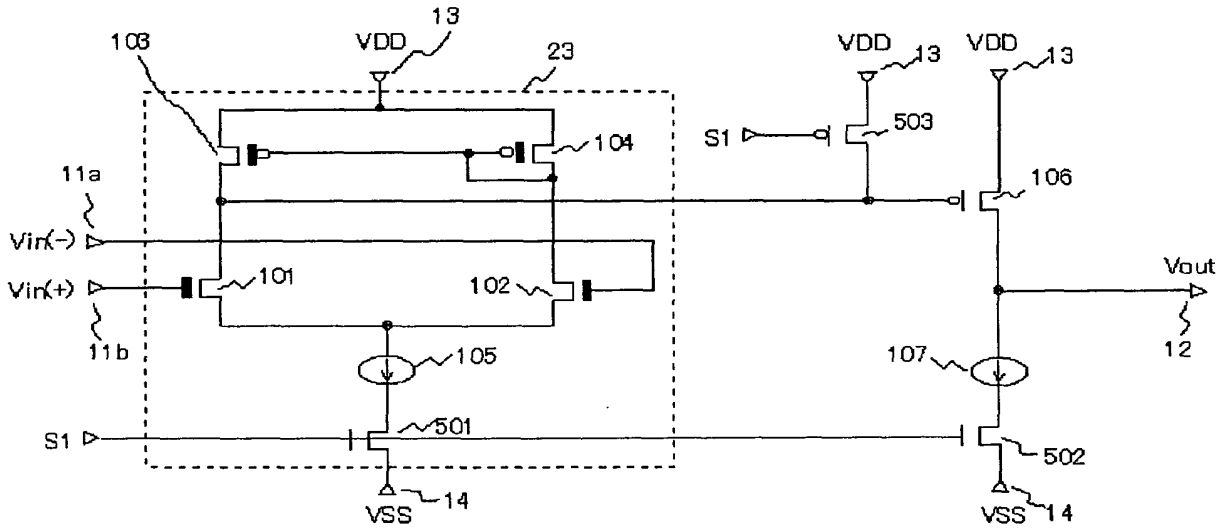
13
103
VDD
23
VDD
13
VDD
13
S1
503
104
106
11a
Vin(-)
Vin(+)
101
102
Vout
11b
105
107
12
S1
501
502
VSS
14
VSS
14

FIG . 10

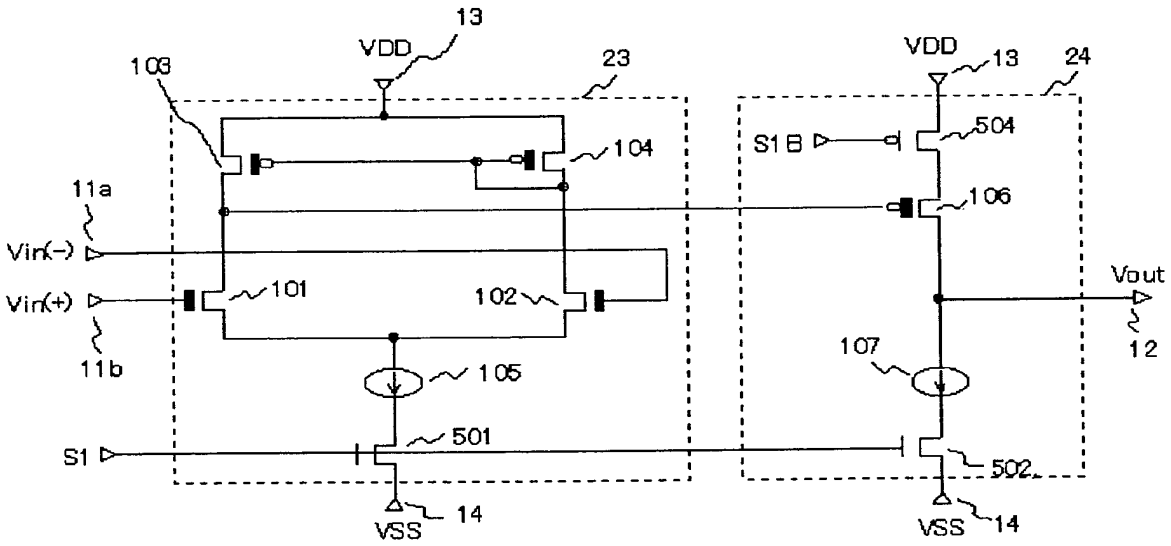
13
VDD
103
23
104
11a
Vin(-)
Vin(+)
101
102
11b
105
S1
501
14
VSS
VDD
13
24
S1B
504
106
107
Vout
12
502
14
VSS

FIG . 11

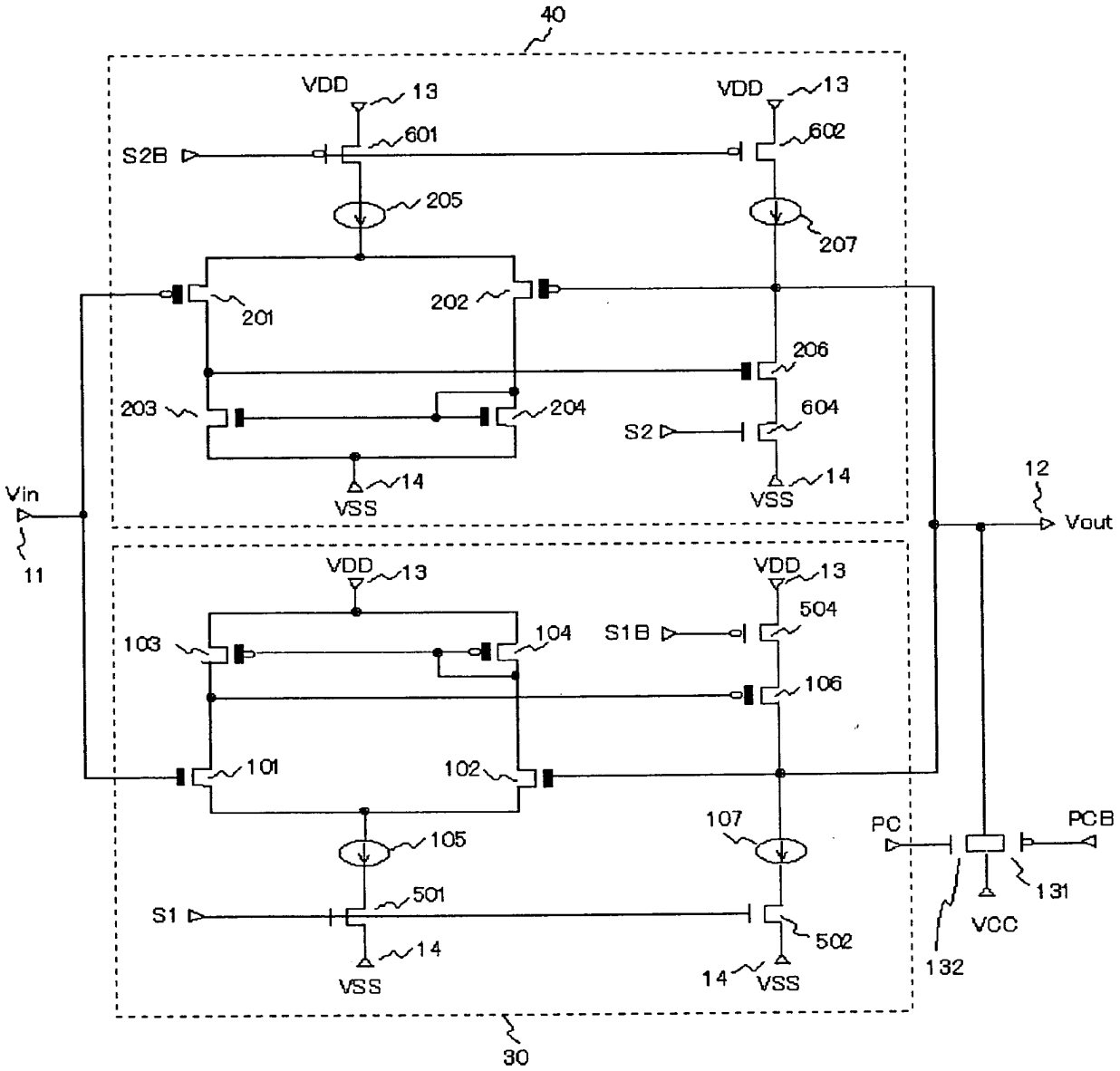
40
VDD
13
601
602
S2B
205
207
201
202
206
203
204
604
S2
14
VSS
12
Vout
Vin
11
504
S1B
103
104
106
101
102
105
107
PC
PCB
131
501
S1
502
132
30

FIG . 12

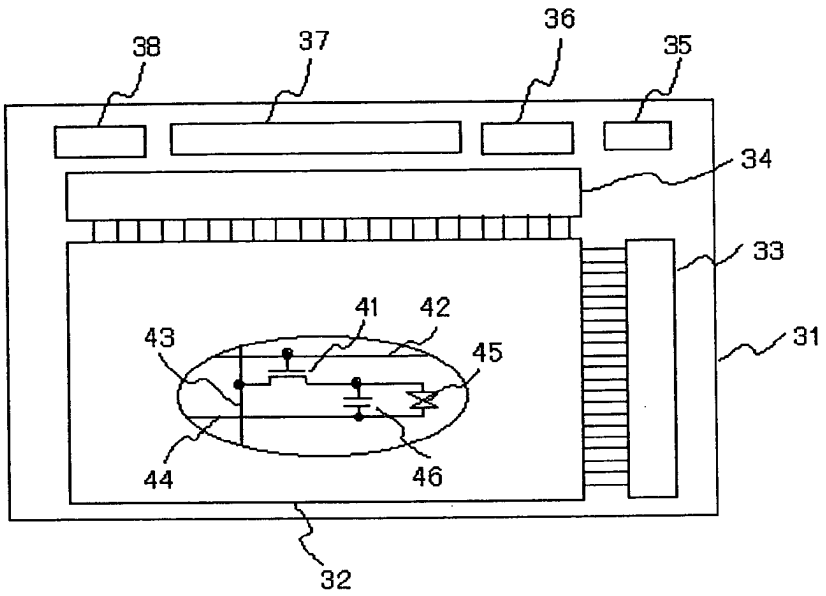

FIG . 13

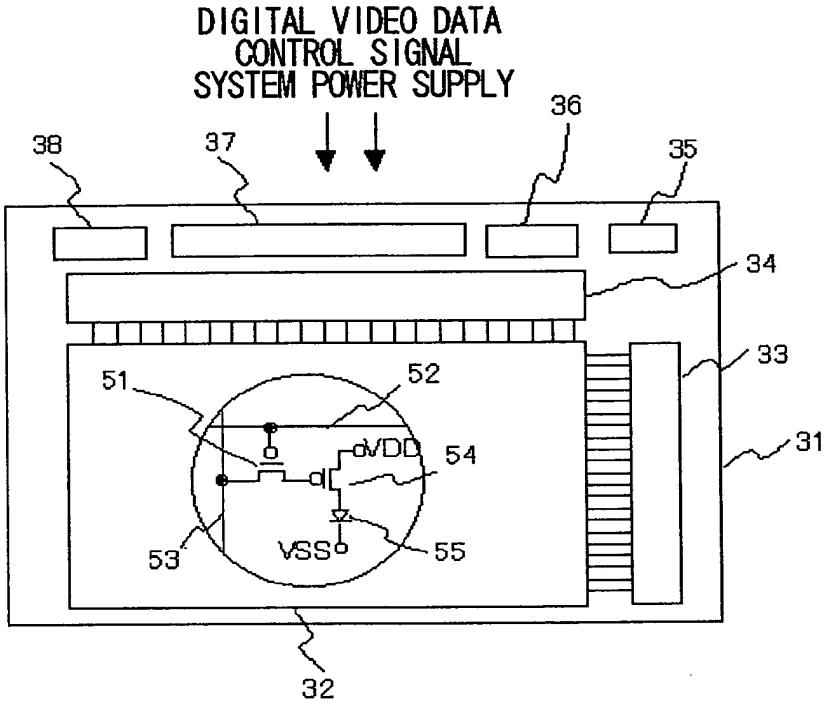
DIGITAL VIDEO DATA
CONTROL SIGNAL
SYSTEM POWER SUPPLY
36
38
37
35
34
33
51
52
dVDD
54
31
53
VSS
55
32

FIG .14

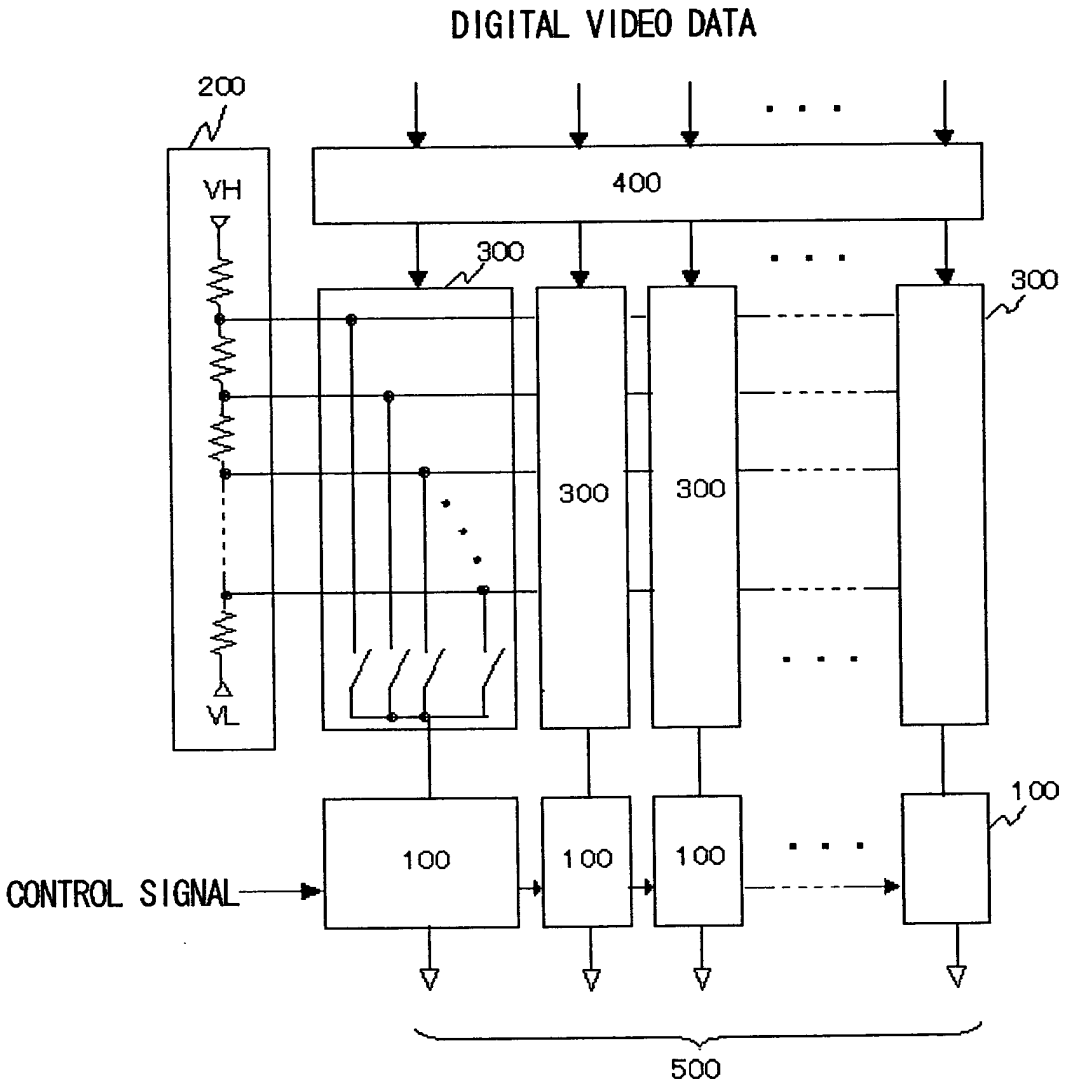
DIGITAL VIDEO DATA
200
VH
VL
400
300
300
300
300
300
100
100
100
100
CONTROL SIGNAL
500

FIG .15

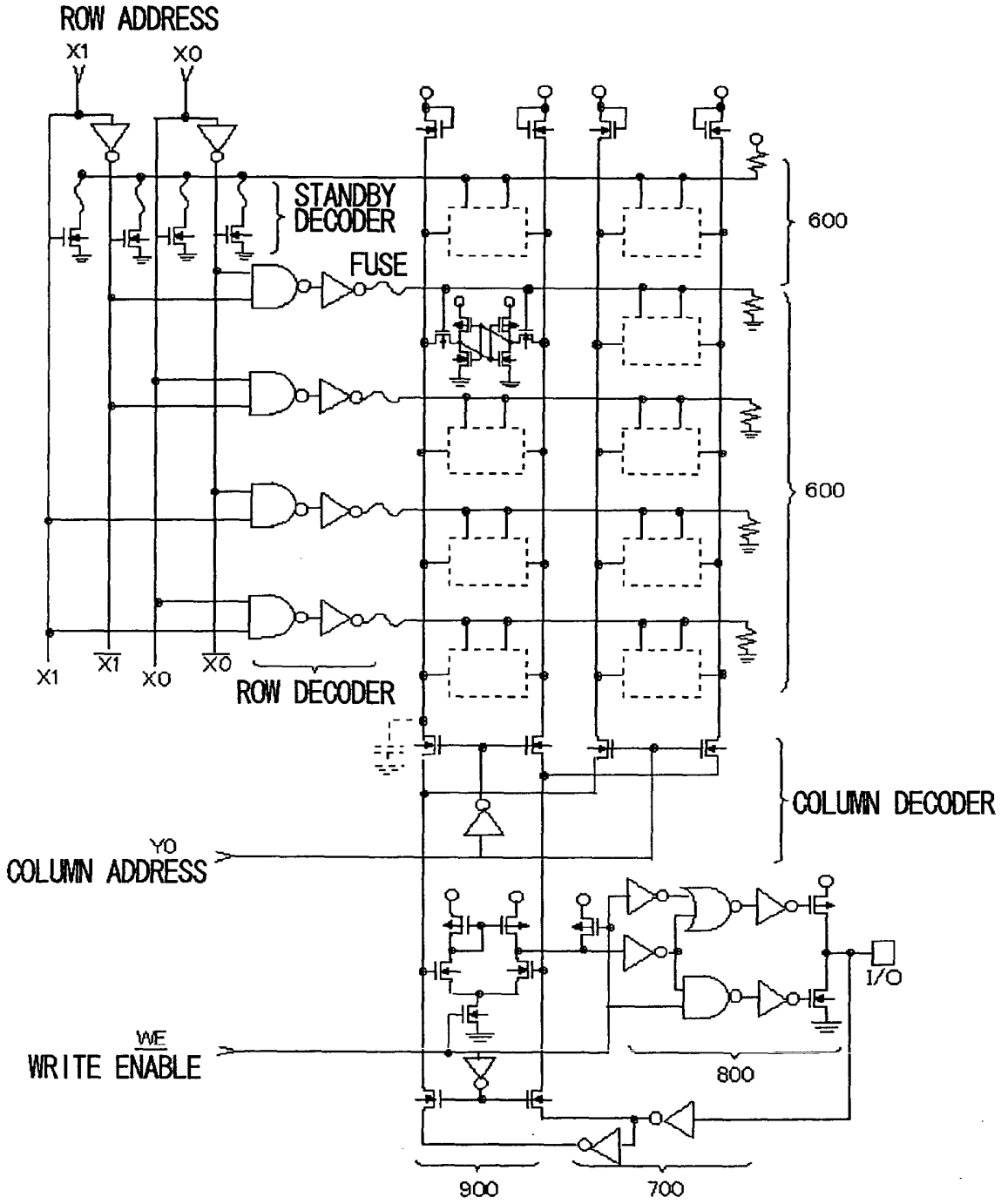
ROW ADDRESS
X1
X0
STANDBY DECODER
FUSE
600
600
X1
X1
X0
X0
ROW DECODER
COLUMN DECODER
Y0
COLUMN ADDRESS
I/O
WE
WRITE ENABLE
800
900
700

FIG . 16a

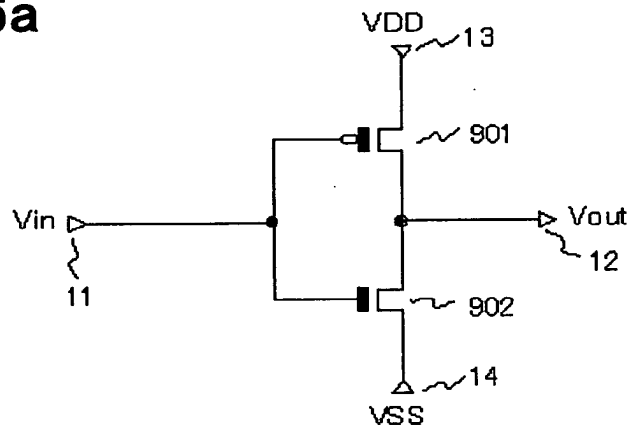

FIG . 16b

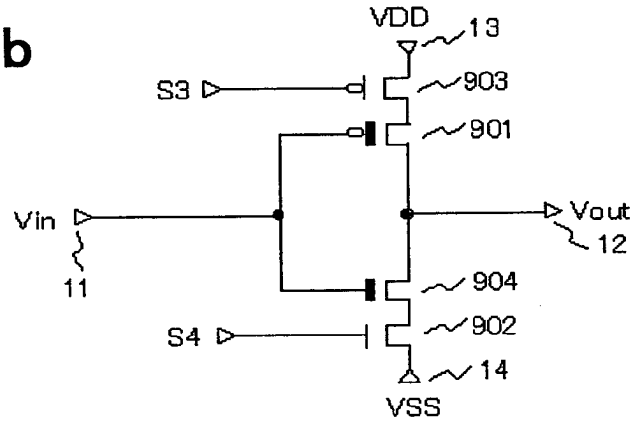

FIG . 16c

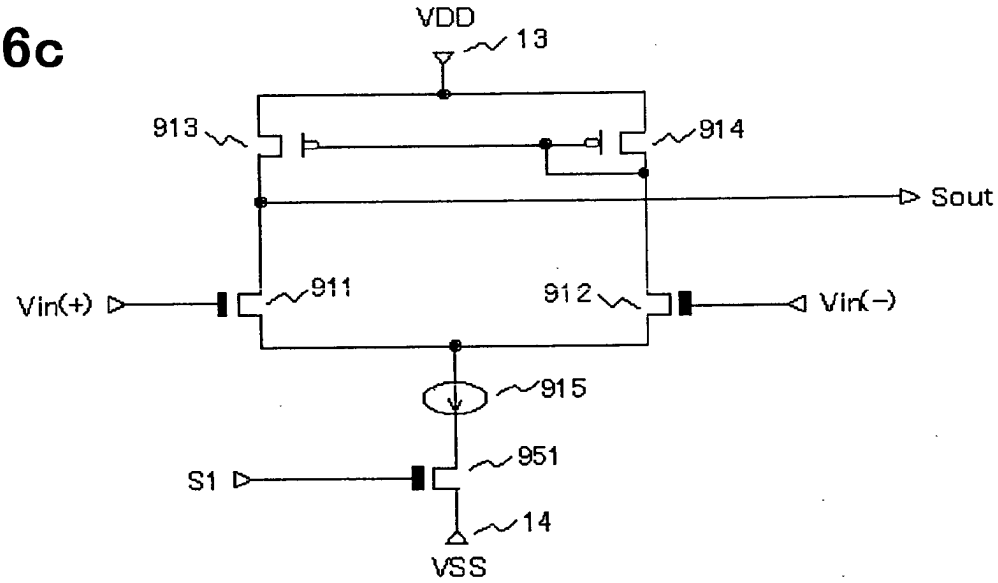

FIG . 17

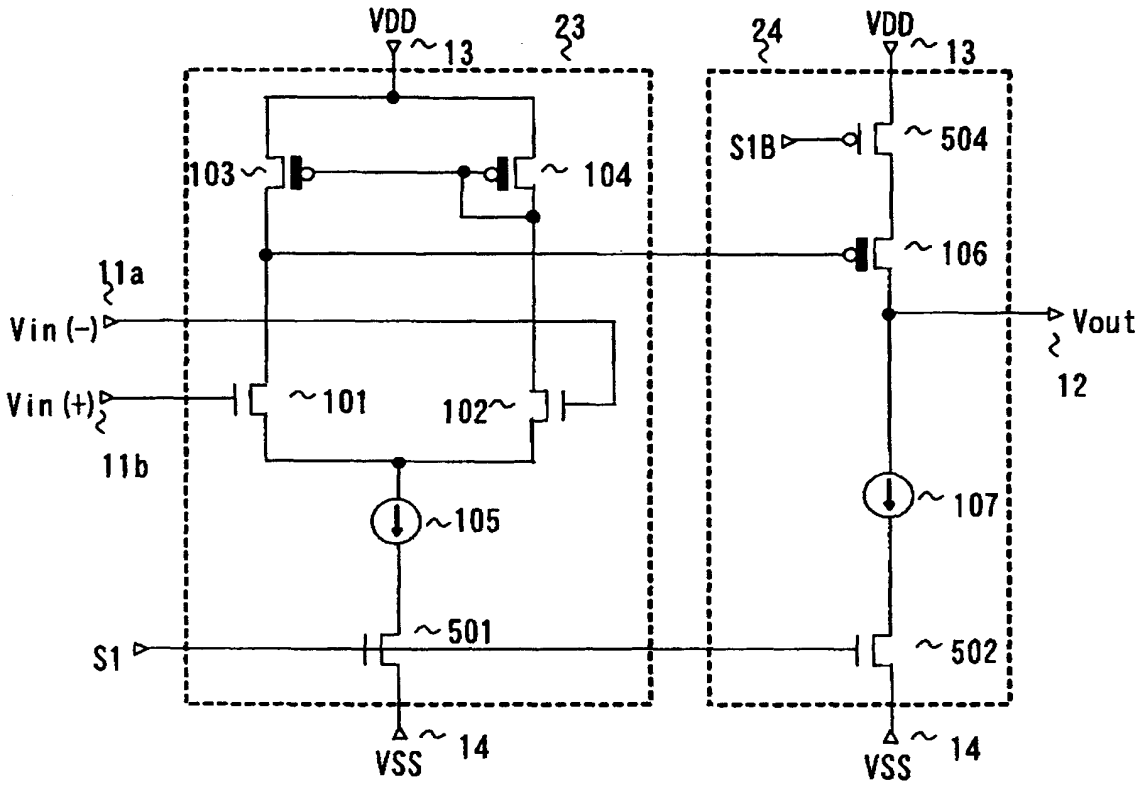
VDD
13
23
24
VDD
13
S1B
504
103
104
106
11a
Vin (-)
Vout
12
Vin (+)
101
102
11b
105
107
501
502
S1
VSS
14
VSS
14

FIG . 18

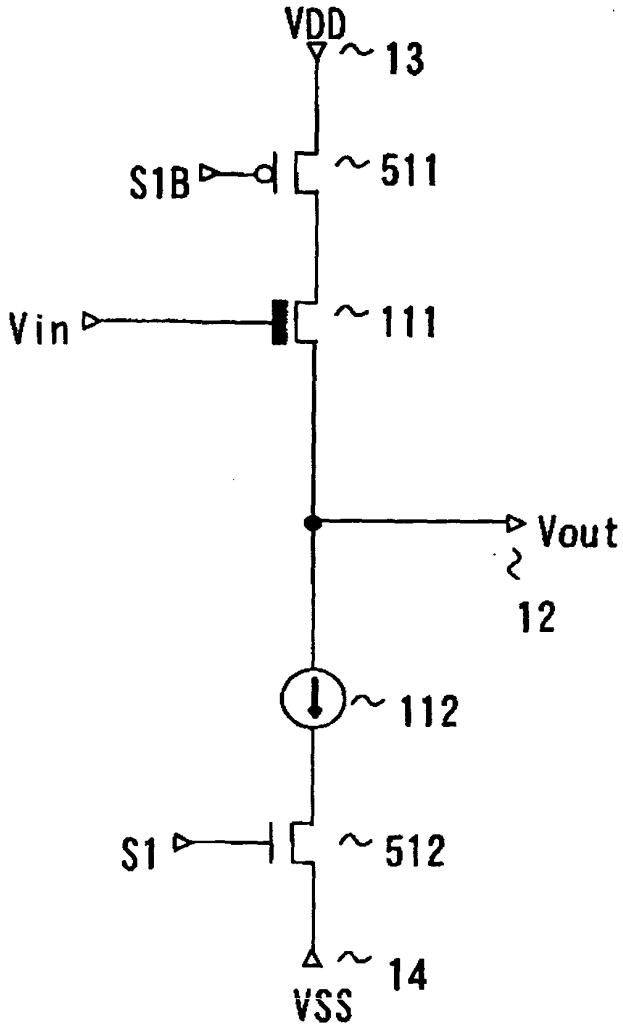

FIG . 19

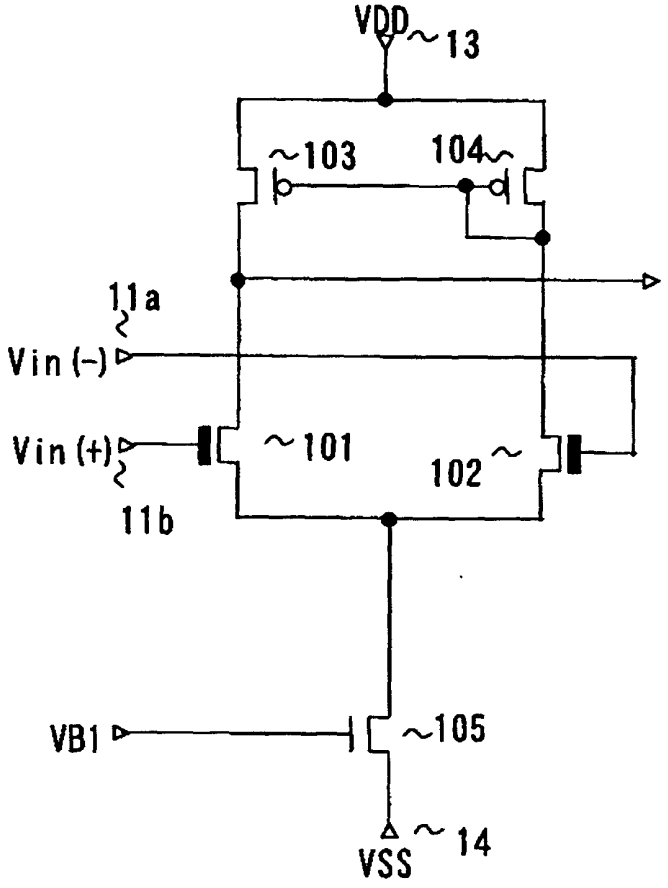

FIG . 20